

IN THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claim 1 (Currently Amended): A ~~resin~~ sheet for light guiding plates comprising a resin comprising:

a polymer and

0.01 ppm to 1000 ppm of a particulate diffusing agent;

wherein the polymer is obtained by a process which comprises:

polymerizing a mixture in a mold, comprising a polymerizable material consisting of ~~methyl methacrylate alone or~~ methyl methacrylate and a monofunctional acrylate, and a polyfunctional (meth)acrylate,

wherein the content of the monofunctional acrylate in the polymerizable material is 9 % by weight or less; and

the content of the polyfunctional (meth)acrylate in the mixture is ~~0.01~~ 0.15 to 2 parts per 100 parts by weight of the polymerizable material.

Claim 2 (Canceled).

Claim 3 (Currently Amended): The ~~resin~~ sheet for light guiding plates as claimed in claim 1, wherein the particulate diffusing agent comprises inorganic particles or organic cross-linked particles which is capable of improving an outgoing efficiency of light incident into the light guiding plates.

Claim 4 (Currently Amended): The ~~resin~~ sheet for light guiding plates as claimed in claim 1, wherein the particulate diffusing agent comprises inorganic particles selected from

the group consisting of titanium dioxide, silica, barium sulfate, calcium carbonate, and mixtures thereof.

Claim 5 (Currently Amended): The ~~resin~~ sheet for light guiding plates as claimed in claim 1, wherein the particulate diffusing agent comprises organic cross-linked particles selected from the group consisting of a methacrylic resin, a polystyrene resin, a silicone resin, and mixtures thereof.

Claim 6 (Currently Amended): The ~~resin~~ sheet for light guiding plates as claimed in claim 1, wherein the average particle size of the particulate diffusing agent ranges of from 0.1 μm to 20 μm .

Claim 7 (Previously Presented): The resin for light guiding plates as claimed in claim 1, wherein the content of the particulate diffusing agent in the resin is in the range of 0.05 ppm to 100 ppm.

Claim 8 (Canceled).

Claim 9 (Currently Amended): A method for producing the sheets for light guiding plates claimed in claim ~~[[8]]~~ 1, which comprises:

preparing a first mixture comprising the polymerizable material;
mixing the particulate diffusing agent with the first mixture to prepare a second mixture; and
polymerizing the polymerizable material in the second mixture in a mold.

Claim 10 (Previously Presented): The method for producing the sheets for light guiding plates as claimed in claim 9, wherein the particulate diffusing agent comprises inorganic particles or organic cross-linked particles which is capable of improving an outgoing efficiency of light incident into the light guiding plates.

Claim 11 (Previously Presented): The method for producing the sheets for light guiding plates as claimed in claim 9, wherein the particulate diffusing agent comprises inorganic particles selected from the group consisting of titanium dioxide, silica, barium sulfate, calcium carbonate, and mixtures thereof.

Claim 12 (Previously Presented): The method for producing the sheets for light guiding plates as claimed in claim 9, wherein the particulate diffusing agent comprises organic cross-linked particles selected from the group consisting of a methacrylic resin, a polystyrene resin, a silicone resin, and mixtures thereof.

Claim 13 (Previously Presented): The method for producing the sheets for light guiding plates as claimed in claim 9, wherein the average particle size of the particulate diffusing agent ranges of from 0.1 μm to 20 μm .

Claim 14 (Previously Presented): The method for producing the sheets for light guiding plates as claimed in claim 9, wherein the content of the particulate diffusing agent in the second mixture ranges of from 0.05 ppm to 100 ppm.

Claim 15 (New): The sheet for light guiding plates as claimed in claim 1, wherein the polyfunctional (meth)acrylate is ethyleneglycol dimethacrylate.

Claim 16 (New): The sheet for light guiding plates as claimed in claim 1, wherein the monofunctional acrylate is butyl acrylate.

Claim 17 (New): The sheet for light guiding plates as claimed in claim 1, wherein the content of the monofunctional acrylate in the polymerizable material is at least 0.1% by weight of the polymerizable material.

Claim 18 (New): The sheet for light guiding plates as claimed in claim 1, wherein the content of the monofunctional acrylate in the polymerizable material is 1.5% to 5.0% by weight of the polymerizable material.

Claim 19 (New): The method for producing the sheet for light guiding plates as claimed in claim 9, further comprising, after polymerizing the polymerizable material, forming a light entrance in the second mixture.